

ORTHOPAEDIC

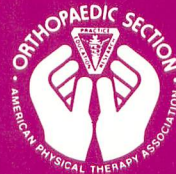
Physical Therapy

PRACTICE

Vol. 2, No. 3, 1990



AN OFFICIAL PUBLICATION OF THE
ORTHOPAEDIC SECTION



AMERICAN PHYSICAL THERAPY ASSOCIATION

ORTHOPAEDIC • SECTION

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(See Section President)

PRESIDENT'S MESSAGE

Jan K. Richardson, President

Many events have taken place within the Orthopaedic Section over the past quarter of this year. It has been a time of change and hopefully with change will come growth.

As many of you know, the Orthopaedic Section celebrated its 15th Anniversary at CSM with a concert by Nancy Wilson and a banquet. The proceeds of the event were to benefit the Minority Scholarship Fund of the Foundation for Physical Therapy. The total amount of funds raised from the gala evening allowed the Orthopaedic Section to make a donation of \$10,000 to the Foundation. The evening was a success due to the efforts of Annette Iglarsh, Program and Education Chair; Jim Gould, Terri Pericak and Theresa Cieminski, office staff. All in attendance wish to thank these individuals for their efforts and for enabling the Orthopaedic Section to have a wonderful time while honoring Stanley Paris, the past presidents of the Section and still raising monies to benefit a worthy cause.

On June 1, 1990, Jim Gould resigned as Editor of the *Journal of Orthopaedic and Sports Physical Therapy*. Jim served in this position for the past 15 years. The JOSPT was created by Jim and George Davies for orthopaedic clinicians. During the past 15 years this publication has flourished into a well respected and well read journal. We can never begin to thank Jim enough for the time, energy, pain and creativity that he has given to this endeavor. Under his watchful eye, he has nurtured this publication from a quarterly embryonic newsletter to a mature monthly scientific journal for orthopaedic research. We thank Jim for giving of himself to the Journal and the Section and wish him even greater success in the future.

A big congratulations needs to be extended to Jonathan Cooperman, Chair of the Public Relations Committee; and Jim Gould, Editor; and Chris Saudek, Managing Editor for receiving 3rd place honors for Special Publications in the APTA Public Relations Awards Contest. These

three individuals were instrumental in creating and publishing the 15th Anniversary Issue of *Orthopaedic Physical Therapy Practice*. This issue highlighted the founder of the Section, Stanley Paris, and the past six presidents and their reflections on the past, present and future as it relates to orthopaedic physical therapy. Additionally, the Section received 3rd place honors for Component Publications with its quarterly publication of *Orthopaedic Physical Therapy Practice*.

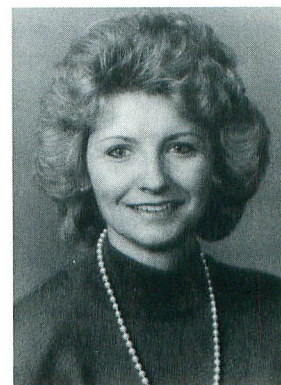
During Annual Conference in Anaheim, California, the Section received Bill Fromherz's resignation as Member at Large for the remainder of his term ending in June, 1991. As many of you know, Bill has been ill the past 18 months and has undergone extensive chemotherapy. As he states "I am doing very well; however, treatments are continuing beyond what I had expected". We were saddened to receive Bill's resignation but enlightened by his improved health and well being. Bill served as Secretary from 1984-1987 and Member-at-Large for the past three years. During this time, he has offered the Section his insight and foresight in the area of parliamentary procedure, strategic planning and policy and procedure development. His ability to keep the Section and officers on the path of the straight and narrow earned him the affectionate title of "Mr. Bylaw". All of us thank Bill and wish him the best of health and urge his speedy recovery and involvement back with the Section in the near future. The officers have appointed Rick Reuss from Indiana to the office of Member-at-Large for the remainder of Bill's term, ending in 1991.

Additionally, during Annual Conference, Bob Burles ended his second term as Treasurer of the Section. Bob has served as Treasurer for the past five years. During this time he has helped take the Section finances from a cardboard box to the age of computers. His skill in computerized data analysis has enabled the Section to better manage its revenues and expenses and more accurately ac-

count this information to the membership and APTA in a timely manner. Bob was formally recognized at the Annual Business Meeting of the Orthopaedic Section for his many years of unequalled service to the Section. He will continue with the Section as a member of the Finance Committee and as a consultant to the Section office on computerized services.

On July 1, 1990, the Sports and Orthopaedic Sections hired Gary Smidt, PT., Ph.D. as the new Editor of the *Journal of Orthopaedic and Sports Physical Therapy*. Dr. Smidt comes to the Journal with outstanding credentials. He has been in physical therapy for 30 years during which time he received his Ph.D. from the University of Iowa. He has authored numerous research publications and has presented countless scientific lectures. Additionally, he has served as Director of the Department of Physical Therapy at The University of Iowa for twelve years. He will be assisted in his new role as Journal Editor by Kent Timm, Ph.D., PT., Associate Editor of Orthopaedics and William Bandy, PT., Associate Editor of Sports. We wish Dr. Smidt and his new editorial staff the best of luck and look forward to great growth and accomplishments in the future for the Journal and the Sports and Orthopaedic Sections.

Jan K. Richardson, PT., Ph.D., O.C.S.
President



FROM THE SECTION OFFICE

Terri A. Pericak, Administrative Director



The second quarter of 1990 has been one of many changes for the Section office. Plans were begun to move *The Journal of Orthopaedic and Sports Physical Therapy* from the Section office in La Crosse, Wisconsin, to Iowa City, Iowa, where the newly hired Editor resides. With the help of Chris Saudek, Managing Editor, and the Section office staff, the transition should be a fairly smooth one. The new *Journal* office should be up and running by the end of August.

The *Journal* Secretary, Theresa Cieminski, recently resigned to accept a position in Norfolk, Virginia. Theresa not only worked on the *Journal* she also helped the Section on special projects. She will be missed, but we wish her all the best in her new endeavor.

The Section recently hired a new employee, Sharon Klinski, as Publications/

Special Projects Coordinator. Sharon has a bachelors degree in Business Administration and a strong background in verbal and written communication. Sharon will be the new Managing Editor of *Orthopaedic Physical Therapy Practice*. All Section members are encouraged to submit clinical articles to Sharon to be considered for publication in *Orthopaedic Physical Therapy Practice*.

A new Publications Committee Chair was appointed following Annual Conference. He is John Medeiros, P.T., Ph.D., from Banks, Oregon. John will solicit articles for *OP* and he will also act as advisor on other publications the section develops.

The second annual Orthopaedic Section raffle drew approximately 300 ticket sales. The lucky winner of the mini color TV was Brian Tovin. Congratulations

Brian!!!

The laminating machine was again a big hit at the Section booth at Annual Conference. Members not able to attend CSM or Annual Conference are invited to send their business cards to the Section office where they will be laminated into luggage tags.

The Review for Advanced Orthopaedic Competencies Orthopaedic course will be held September 14-21, 1991, at the Town and Country Hotel in San Diego. More information on the course will be announced in the next issue of *Orthopaedic Physical Therapy Practice*.

As always, the Section office wants to hear from you. Please send us your comments and suggestions, on how the Section can better serve you.

A Unique Program For Select Professionals.



Kaiser Permanente, Los Angeles Orthopaedic Physical Therapy Residency Program

Kaiser Permanente, one of the nation's leading health care providers, is proud to introduce a new **Residency Program** designed to provide highly trained orthopaedic physical therapists with advanced knowledge and skills in a concentrated clinical environment.

This one-year residency program will train physical therapists in advanced clinical competencies based on the guidelines developed by the Orthopaedic Specialty Council of the American Board of Physical Therapy Specialties. A primary objective of the curriculum is to assist Therapists in preparing for the Orthopaedic Physical Therapy Specialty examination and attaining Board Certification as a Clinical Specialist in Orthopaedic Physical Therapy.

The core of this Residency Program is the extensive one-on-one mentoring provided for the residents by the clinical faculty. This will

take place in the Physical Therapy clinics of the Kaiser Permanente Los Angeles and West Los Angeles facilities. Selected residents will become employees of Kaiser Permanente, and will be paid for the hours they provide unsupervised patient care at the Clinical Specialist I rate.

Clinical Faculty

Joe Godges, P.T., O.C.S., Program Coordinator
Dennis Dempsey, G.D.A.M.T., P.T.
Katie Gillis, M.S., P.T.
Alan Lee, M.S., P.T.
Joy Yakura, M.S., P.T.

For further information on this unique opportunity, contact: **Julie Patterson, M.P.H., P.T., Kaiser Permanente, Los Angeles Orthopaedic Physical Therapy Residency Program, Dept. JOU-125-08/01/90, 6041 Cadillac Avenue, Los Angeles, CA 90034, (213) 857-2458.**

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Dysfunction in an Infant Gorilla: A Case Report

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Illustrations by
Tracy Jensen



Abstract

The purpose of this paper is to present the examination scheme and treatment plan used to determine upper quarter dysfunction of a four-month old lowland gorilla. Knowledge of normal movement was first obtained from zoo veterinarians. Upon examination, right radial nerve involvement secondary to brachial plexus and/or cervical injury was identified and a treatment plan consisting of manual cervical traction and exercise was initiated. Examination modifications were secondary to the subject's age and irritability/pain level, more so than the fact that the patient was not a human, but a gorilla.

Introduction

Physical therapists have branched out into many different specialty areas in the last few years, and working with animal population is one of growing interest.

At the Lincoln Park Zoo in Chicago, Illinois, the zoo veterinarians have used medical doctors for years as consultants, especially with the primates. Their nearly identical anatomy and physiological function to humans make them ideal candidates for human health care professionals.² The challenge in working with an animal, especially if you are not trained to do so, is to attempt to utilize not only your clinical hands-on examination skills, but also your powers of observation and your sense of feeling for another liv-

ing thing.

Zoo veterinarians received a report from handlers at the Great Ape House that a four-month old lowland gorilla (Macari) was having problems. The mother had been neglecting the infant and an episode where the child received a violent tug on its right arm had been noted. There had also been an episode where the infant's head was stuck between the bars of a cage door, eventually dislodged by the mother (Kisuma). Since that time, handlers had noticed that the infant was not using its right hand well, and Macari suffered several episodes of falling off the mother. Primarily because of neglect, mother and child were separated.

On examination by the veterinarian, it was noticed that Macari kept the right hand and fingers closed, but otherwise skeletal exam was unremarkable. A local pediatrician, who had been following the gorilla for previous medical problems, was consulted. She determined the need for a more thorough musculoskeletal examination and decided to involve physical therapy.

Description

The western lowland gorilla is the largest of the living primates; males grow up to six feet tall and weigh up to four hundred pounds, females grow up to five feet tall and weigh up to two hundred

pounds. Greater weights occur in captivity due to inactivity. Their natural habit is the forests of west and central Africa from the Cameroon to Uganda to Rwanda.² Their skin is black almost from birth with very little subcutaneous fat which make them appear skinny and horribly wrinkled. As they get older, their hair becomes short, dense, bristly and coarse.^{1,2}

When on the ground, their gait is quadrupedal with the weight of the body being taken on the soles and lateral

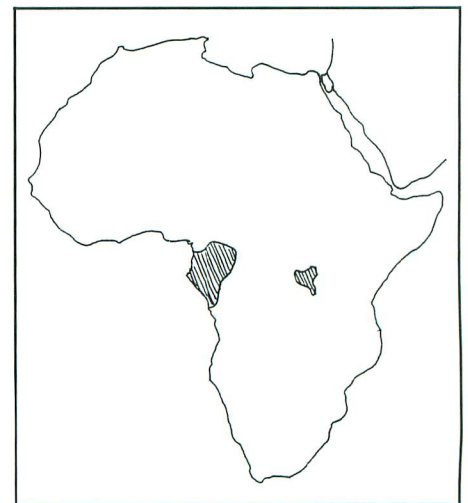


Figure 1. Gorilla *gorilla* is found in West Africa from southeastern Nigeria to southern Congo. In East Africa they are found in eastern Zaire, southwestern Uganda and northwestern Rwanda.

portion of the rear feet and the dorsal surface of the middle phalanges of the forelimbs. (Figure 1) Hands are prehensile with an opposable thumb as well as great toe. Hands are used extensively in plucking and nest building and manipulating food and objects. The arms are long, the hands are broad and the thumbs are relatively short.²

The gorilla's relatively high intelligence is probably an adaptation to finding scarce or isolated plants in the rain forests. A good memory for time and place and ability to make deductions are essential in predicting food locations. They communicate by means of posture, facial expressions and vocalizations.²

Single infant lowland gorillas are born after about nine months gestation, and weigh four to five pounds. At two to four months the infant clings ventrally, unsupported, to the mother for long periods of time. Unskillful play is evident. Infants can visually focus at least forty feet and are able to follow moving objects. In sitting, the head is held steady and erect. The infant can bear full weight over the limbs in standing, but is usually not walking much at this time.¹ In the case of Macari, she was able to walk a few steps at a time. Females also develop faster than males.²

Examination

The examination scheme undertaken was a typical musculoskeletal examination, modified for the surroundings and the patient. Upon questioning the handlers in the nursery of the Great Ape House, it was learned that the infant's activity level had been decreased as of late. On observation, Macari was quiet but responsive; she seemed to hold the right upper extremity close to her trunk, with the right hand held closed. The head and neck was held in flexion, sidebending to the right, and rotation to the right at rest. Observing the infant's mobility, Macari was noted to bear less weight on the right upper extremity, and deviate from normal gorilla hand positioning with knuckle walking (ambulation) in that the wrist could not be held extended to bear weight on the hand. Palpation revealed sensitivity/irritability over the dorsum of the right forearm and hand. There was increased muscle tone of the cervical musculature on the right, and again irritability to palpation of the right side in the cervical region. No swelling or other soft tissue or bony changes of the neck and right arm were noted. No abnormal joint position/subluxation was noted on the right side. Active range of movement of the upper extremities was facilitated by having

the infant reach for objects in various positions. Movements of the left upper extremity and right shoulder were observed to be normal. She was noted to have a slight limitation of active right elbow extension and marked limitation of right wrist and finger extension.

Passive range of movement of the left upper extremity and right shoulder/elbow was full. Macari resisted passive wrist/finger extension, with an apparent increase in irritability. Abbreviated accessory movement testing of the upper extremities demonstrated no instability of the shoulder, elbow or wrist regions.

Resisted testing demonstrated an ability and willingness to push/pull against the examiner with equal strength at the shoulders and elbow/wrist/finger flexion. The infant exhibited a modest decrease in strength of right elbow extension, and little ability to use the right wrist/finger extensors (muscle contraction was palpable). Deep tendon reflexes were intact and equal at the biceps and left triceps. No reflex at the right triceps could be elicited. Cervical active range of motion was facilitated in much the same way the extremity movement was produced. The infant was noted to have a slight decrease in the right rotation and backward bending, and a marked limitation in left rotation. Manual cervical compression testing appeared to increase general irritability. Manual cervical traction also increased irritability when first tested, but after several more attempts at appropriate hand position, it appeared to decrease their irritability and relax the infant.

Finally, cervical posterior-anterior



Figure 2.

pressures were used in the sitting position. No instability was noted, but an increase in irritability was produced at several points in the lower-cervical spine.

Treatment

A trial treatment of manual cervical traction was begun (See figure 2). Traction was held for a few seconds and repeated several times. Upon reassessment of the gorilla, neck posture was improved, there was decreased irritability to palpation of the right forearm/hand and active left cervical rotation had increased by one-half of the restricted motion.

From the examination and trial treatment, it was concluded that there was paresis involving the right radial nerve secondary to a brachial plexus (middle trunk) and/or cervical injury.

Since the infant could not be seen by the physical therapist on a regular basis, the treatment program consisted of:

1. Manual traction to the cervical spine by gorilla handlers three times daily.
2. General work on facilitating active cervical movements, especially left rotation during exercise periods and via positioning of toys, etc., and of Macari in her crib.
3. Reaching an appropriate weight bearing of the right upper extremity as tolerated by the infant.

Given the findings of the musculoskeletal examination and results of the trial treatment at both the neck and right upper extremity, prognosis was assumed good for full return of function.

Results

We re-examined Macari four weeks later at the zoo. Resting cervical posture was normal. Active cervical movements of rotation and extension were normal. There was still slight irritability to palpation of the dorsal surface of the forearm and hand. The gorilla was now able to extend the wrist and fingers to reach and grasp objects (See figure 3), though strength was still decreased. She also showed a more normal hand position and weight bearing upon ambulation. The handlers also noted that her general activity level had increased and she was in better spirits.

A subsequent phone re-check four weeks later revealed normal activity of the infant.

Discussion

There were several areas in which examination techniques were modified and normative objective information unknown. The handlers in the nursery of the Great Ape House were very helpful in



Figure 3.

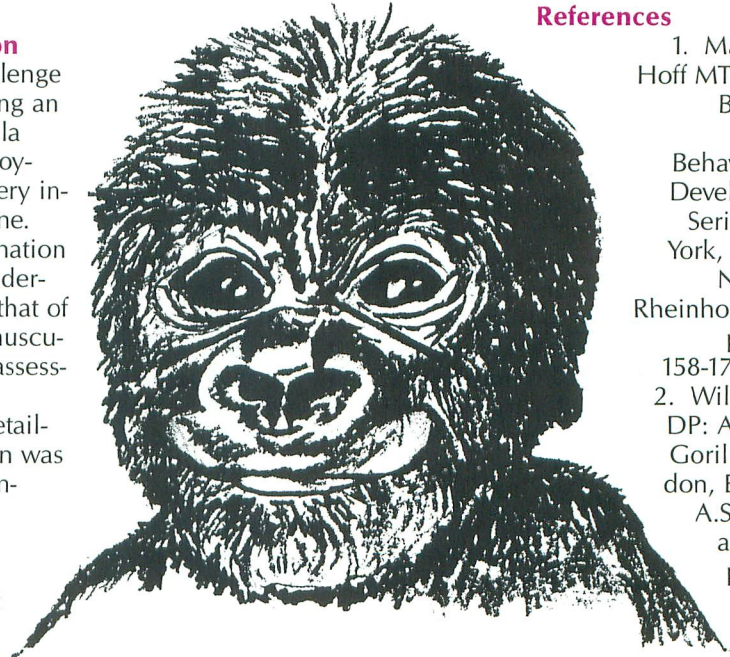
relaying information on normal active movement of the limbs and trunk, level of development at four months and the infant's reaction to testing (i.e.—irritability). Assessment of muscle tone, muscle strength, appearance of the skin and palpation of bony landmarks was difficult at first, with emphasis placed on symmetry, lack of tenderness (irritable response), as well as feedback from the support staff. Passive physiological motion was assessed for symmetry and comparison to active movement. Passive accessory motion was assessed in the same way, with the assumption that any subluxation of the peripheral joints would be

abnormal.

Upper limb tension tests, passive physiological and accessory intervertebral movements were withheld secondary to the irritability of the infant as well as problems involved in appropriate positioning. It generally took two people to perform most examination techniques. Gorillas use their feet (hind legs) in much the same way as their hands; and therefore, there were quite a few times when four hands would converge on the examiner all at once.

Conclusion

The challenge of examining an infant gorilla was an enjoyable and very interesting one. The examination scheme undertaken was that of a typical musculoskeletal assessment of a human. Detailed attention was paid to symmetry of structure and function, infant response, with additional information supplied by zoo



handlers. Examination modifications were secondary to the subjects age and irritability/pain level, more so than the fact that the patient was not a human, but a gorilla.

Acknowledgements

The author wishes to thank Bonnie Typlin, M.D., for involving physical therapy in this case, and Ms. Pat Sass at the Great Ape House, Lincoln Park Zoo, Chicago, Illinois, for her assistance.

References

1. Maple TR, Hoff MT: Gorilla Behavior. Primate Behavior and Development Series. New York, NY, Van Nostrand Rheinhold Company, pp 158-177, 1982.
2. Willoughby DP: All about Gorillas. London, England, A.S. Barnes and Company, pp 74-101, 1978.

Orthopaedic Section Mugs



These distinctive deep blue mugs with white printing have the Section logo on one side and the definition of orthopaedic physical therapy or the Orthopaedic Section—the touch of class on the other side. Each mug has a lid which helps keep hot liquids warm and also serves as a base for the cup.

Orthopaedic Section Mugs

Member Rate: \$5.50 each / \$20.00 for set of 4 (2 each style)
 Non-member Rate: \$8.00 each / \$30.00 for set of 4 (2 each style)

Indicate style:

- Orthopaedic physical therapy definition
- Orthopaedic Section—the touch of class

To order send check payable to: Orthopaedic Section APTA, 505 King St., Suite 103, La Crosse, WI 54601. Add \$2.50 per order for p&h. Allow 2-3 weeks for delivery.

DUES INCREASE EFFECTIVE 1/01/91

For the last six years the Orthopaedic Section dues have been \$30.00. During this time, a section office has been set up which requires about 18% of our operating income. The Section has also solely funded the Orthopaedic Specialty Council and has greatly enhanced the role of officers and committee chairs by funding them to CSM and Annual conference as well as the fall board meeting in La Crosse. We have made a concerted effort during this time to enhance non-dues revenue to nearly 60% of total income. All this has been done on \$20.00 per member. The *Journal of Orthopaedic and Sports Physical Therapy* requires \$10.00 per member as the Section's contribution to Williams & Wilkins after return of royalties and editorial allowance. Because of the zero net and deficit budgeting we have experienced in the last two years, the Finance Committee felt it necessary to raise dues. The results of the election showed the membership was in agreement.

As a follow up and in response to some of the comments returned on ballots, the Finance Committee would like to offer a better explanation of where the dues increase will be allocated.

ADMINISTRATION/MANAGEMENT

As our Section continues to grow and

expand its services, it will need increased legal, tax and accounting consultation services. Our Section currently has an administrative operation of around 18% of our total budget. Most organizations similar to our operation have 25%-33% of their budget devoted to administrative management. In order to assure continued effective Section management, the Finance Committee will be reviewing and recommending specific operational needs for the 1991 budget year.

RESERVE FUND

A reserve fund is critical to the long term financial stability of the Section. The APTA recommends that 40%-50% of the operative budget be set aside in a reserve fund for emergency situations. Ideally some organizations have 100% of their annual budget set aside in a reserve fund. Currently our Section does not have a designated reserve fund. The Finance Committee is charged to set up guidelines for specific use of a reserve fund so that it can only be used in emergencies or for investment purposes. Some organizations have developed reserve funds and eventually purchased buildings as an investment.

JOURNAL

During the next year there will be a restructuring and relocation of the JOSPT.

It is anticipated that the relocation and restructuring will require more subsidization in order to assure continued quality to the subscribers. Annual subscription rates to JOSPT are \$60.00 for those who are not members of the Section. Through the section, costs per member have been about \$10.00. These costs are anticipated to increase to around \$14.00 per member after restructuring.

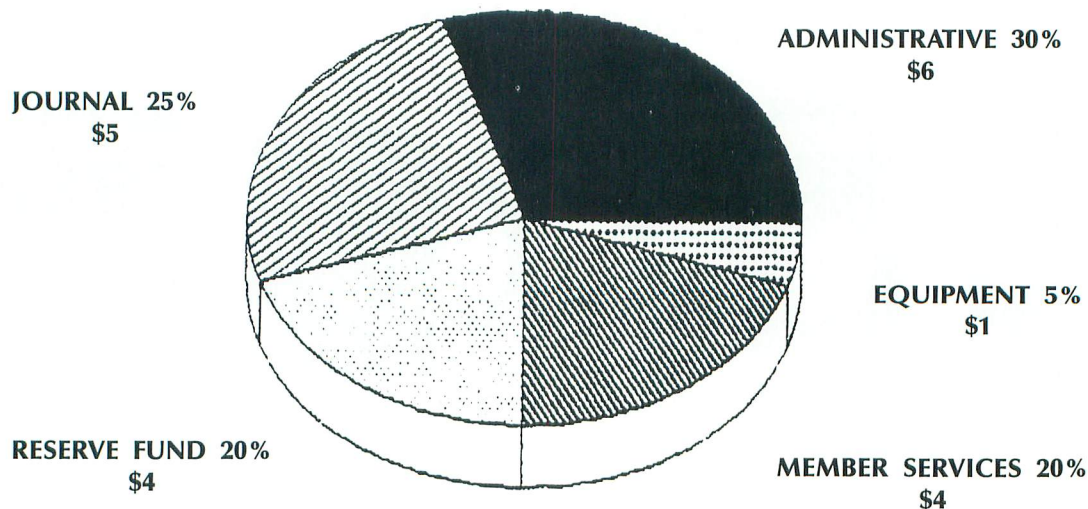
EQUIPMENT

Much of the office equipment, computers, printers, and software that have been purchased over the last five years need to be updated and in some cases upgraded to handle the increased service demands.

MEMBER SERVICE

As our Section expands, there is a need to provide more communication with the members and study groups. Membership services such as practice enhancement information, legal/legislative consultation, brochures, scholarships, continuing education, clinical specialty development, membership practice surveys, and membership certificates are just a few of the services that need to be enhanced and expanded upon.

John B. Wadsworth, P.T., M.A.
Treasurer



HOW THE \$20.00 INCREASE WILL BE ALLOCATED

MEETING MINUTES

BUSINESS MEETING, JUNE 24, 1990 ANAHEIM MARRIOTT AGENDA

CALL TO ORDER—10:30 AM

Jan Richardson, President, called the Business meeting to order at 10:50 AM.

WELCOME

PRESIDENT'S REPORT

A. Approve Membership Meeting Minutes (February, 1990, New Orleans, LA)

=MOTION= To approve the membership meeting minutes from CSM, 1990, as printed. =PASSED=

B. Review and Accept Agenda.

=MOTION= To approve and accept the agenda as printed. =PASSED=

C. Review of Meeting Procedures

- Format of the Meeting
- Motion Forms

D. Section Delegate Motion

There was a motion made at the Section Chairs meeting at this Annual Conference to have a minimum of two delegates per Section in the House of Delegates. The Chairs were asked to take this back to their Executive Committees for a vote. The Orthopaedic Section voted against.

E. JOSPT Editor

Jim Gould has resigned as Editor of JOSPT after 15 years of dedicated service. The Section plans on recognizing Jim formally at the Black Tie and Roses reception at CSM in Orlando, Florida, in 1991.

The Orthopaedic and Sports Section Executive Committees are in the process of finalizing their selection for the new JOSPT Editor at this Annual Conference.

F. Member-at-Large

At Annual Conference the Executive Committee received written notice that

Bill Fromherz, the current Member-at-Large, resigned. Bill's resignation was due to his extended chemotherapy treatment schedule. Bill wanted everyone to know that he is feeling fine and doing great. He hopes to become active with the Section again in the future.

There is one year left on Bill's term. Filling this vacancy will be addressed under New Business.

EXECUTIVE COMMITTEE REPORTS

Vice-President—Duane Williams

A membership marketing survey was published in the last issue of *Orthopaedic Physical Therapy Practice*. A copy of this survey was also available at the membership meeting. All members were encouraged to fill it out by the end of the meeting.

The Section recently purchased two copies of the 'Management of the Physical Therapy Department' program. Any members interested in reviewing it should contact the Section office.

Treasurer—Bob Burles

The Orthopaedic Section just completed its first official audit which also coincided with an IRS audit. The bad news is that the IRS audit will end up costing us about \$5,600 plus accounting fees. The original amount assessed by the IRS auditor was nearly \$30,000. The good news is that the 1989 audit showed a surplus of \$2,600.

Member-at-Large—Jan Richardson

As part of this year's election three proposed bylaw changes were put forth to the membership for a vote to approve or disapprove their inclusion in the Section bylaws. All three proposed changes were approved. The bylaws will now read as follows:

ARTICLE VII. OFFICES AND EXECUTIVE COMMITTEE

Section 2. Executive Committee

A. Composition

1. The Executive Committee shall consist of the President, Vice-President, Treasurer, Immediate-Past President, Member-at-Large, Editor of Section Publications, Education Program Chair, Research Committee Chair and Administrative Director.

C. Voting in the Executive Committee

2. The Immediate-Past President, Editor of Section Publications, Education Program Chair, Research Committee Chair and Administrative Director shall have all rights except the right to vote in

the Executive Committee.

ARTICLE VIII. COMMITTEES AND SECTION DELEGATE

Section 2. Standing Committees

A. Names—The standing committees shall be Education-Program, Finance, Publications, and Awards.

B. Appointment and Tenure—The chairs of the Education-Program, Finance, Publications, and Awards Committees shall serve for a term of three (3) years or until their successors are appointed. . . .

Education Program Chair— Annette Iglarsh

See Program Reports.

Administrative Director— Terri Pericak

The Administrative Director attended the Lake Tahoe Competencies Review Course, March 5-11th. There were 48 participants. The Section booth was set up and approximately \$400 worth of promotional items were sold.

The Administrative Director also attended the Component Leadership Training Seminar in Alexandria, Virginia, April 1-3rd. A lot of good ideas on member retention and recruitment were brought back. The Section hopes to start implementing these ideas in the near future.

The 1st North American Orthopaedic Symposium in Ottawa, Canada, May 11-14th, was also attended by the Administrative Director. A booth was shared with the Canadian Physiotherapy Association. A laminating machine had just been purchased for making luggage tags from business cards. This was a giveaway item and went over quite well.

The Canadian Physiotherapy group was selling proceedings from past IFOMT meetings. These were a big success and the Section is looking into ordering these proceedings, as well as the Ottawa Symposium proceedings, to sell at future conferences and through the Section office.

After the Canadian meeting the Section office prepared for Annual Conference. The Section display booth was set up in the registration area where Section promotional items and publications were available.

Meetings were planned with all Section Committee Chairs to begin updating the strategic plan for 1991. A draft will be presented to the Finance Committee prior to the Fall Meeting.

PROGRAM REPORTS

Nominating Committee— Scott Hasson

This year the Nominating Committee distributed the ballot putting forth the positions of Nominating Committee Member and Treasurer. A total of 10,206 ballots were mailed. Of those, 1,040 were returned to the Section office; 93 were invalid due to inaccurate marking, 947 were tallied. Here are the results: Our new Treasurer is John Wadsworth with 861 votes, our new Nominating Committee Member is Bill Boissonnault with 489 votes, Garvice Nicholson received 430 votes.

The following Bylaw changes were approved: In Article VII it was proposed that the Research Committee Chair become a non-voting member of the Executive Committee. This passed with 868 votes for and 57 votes against; in Article VIII it was proposed that the Awards Committee become a standing committee. This passed with 845 votes for and 81 votes against; and lastly, Article IX proposed a dues increase from \$30 to \$50 for active members and \$20 to \$30 for affiliate members. This passed with 646 votes for and 289 votes against.

Next year candidates will be solicited to run for Member-at-Large and Nominating Committee Member. Recommendations for nominations should be submitted to the Section office or a member of the Nominating Committee.

Anne Campbell has been very active in soliciting recommendations for Dr. Per-Olaf Astrand who is a world renowned physiologist from Sweden. Anne is looking for recommendations and is soliciting support for Dr. Astrand to be honored as a honorary member of the APTA.

Nominations are being solicited for the APTA awards. The deadline for submitting nominations to APTA is December 1, 1990. The floor was opened up to nominations. None were brought forth.

Finance 09—Bob Burles

The Finance Committee conducts most of its activity in the Fall attempting to get the budget ready for the following year. Dorothy Santi was introduced as a member of the Finance Committee and John Wadsworth was introduced as the new Treasurer and Chair of the Finance Committee.

Membership 04—Terri Pericak

The Section's new member application has currently been redesigned. A mailing to approximately 40,000 physical therapists who are APTA members but not Orthopaedic Section members.

Approximately 200 new members join and a few members also drop the Section each month. In the case of a drop, a drop letter is sent asking for reasons why. The majority of these drop members had a change in interests from orthopaedics to some other specialty area. Most stated they would like to come back and rejoin the Section in the future. When the Executive Committee reviewed tallies received back from the drop letter responses it was originally anticipated that members would be interested in Sports or Private Practice, but the majority are going over to Pediatrics and, more so, Neurology.

Education 05—Annette Iglarsh

At CSM, 1990, two roundtables were added in areas of subspecialization within orthopaedics. These first roundtables were foot and ankle and industrial physical therapy. Both were very well received and additional roundtable time, as well as additional topics, were requested. A survey, filled out by 57% of the conference attendees, revealed 30.6% were Orthopaedic Section members.

A Review for Advanced Orthopaedic Competencies was held in Chicago in 1989 and Lake Tahoe in 1990. Initially the participants came to brush up on areas of orthopaedics where some proficiency may have been lost. By the end of the course, 90% were going to complete the application for the Orthopaedic Specialty Exam. This course is now becoming a recruiting tool for the examination. Also, from these courses approximately 25-35% of the attendees are becoming new members of the Orthopaedic Section. This is in part due to the registration fee schedule. It is much more advantageous to join the Section than to pay the non-member registration rate. After being involved with the Section for a year, the Section hopes these members feel it has been beneficial and will want to continue to stay with the Section for many more years.

The Orthopaedic Section had a joint meeting with the Canadian Orthopaedic Physiotherapists in Canada last May. There were several members of the Orthopaedic Section of the APTA present. A unique format was used for the meeting. It was more of a research format using a large number of speakers speaking in a condensed fashion over a three day period.

The planning for CSM, 1991, will be completed at this conference. At CSM a preliminary schedule is planned for the following CSM and then finalized at Annual Conference. Conference attendance at CSM is increasing, and the Section is very proud to present the type of program that appears to be meeting the needs of the membership.

Publications 06—Terri Pericak

Recently the Section's Publications Coordinator resigned and a replacement is being sought. The main responsibility of that position is to put out *Orthopaedic Physical Therapy Practice*, the Section's quarterly publication, and to publish *Geritopics* which is the Geriatric Section's quarterly publication. Other duties include working on developing educational brochures for the Section and coordinating educational courses, such as the competencies course and home study courses, with the Education Program Chair.

Research 07—Dan Riddle

One of the first duties as Chairman of the Research Committee was to formulate a new committee. The previous members of the Research Committee resigned in order to provide a clean slate for the new Chair. Four people have been recruited and approved by the Executive Committee. They are: Paul Beattie, Mark Wiegand, Kent Timm and Phil McClure. Three members of this group are currently academic faculty, one is working on a doctoral degree in anatomy, all four have advanced degrees, and three are orthopaedic specialists. There is a good cross section of representation and a lot of expertise on this committee.

There are two primary duties of the Research Committee. The first is to call for abstracts for presentations at Combined Sections Meeting. These presentations are well attended and a large number of abstracts are usually submitted. All members are encouraged to submit abstracts for presentation at CSM. The Call for Presentations has been published in *The Journal of Orthopaedic and Sports Physical Therapy* and *Orthopaedic Physical Therapy Practice* for the past several months.

The second responsibility of the Committee is to identify the winner of the Rose Excellence in Research Award. This consists of choosing the best original research article which the Research Committee feels has a direct or indirect impact on orthopaedic physical therapy practice. This is a very prestigious award. The Committee

encourages all Section members to submit their nominations. All that is needed is a letter stating the article and the author of the article you wish to nominate. The article needs to have been published between September 1, 1989, and August 31, 1990. This information also appears in *The Journal of Orthopaedic and Sports Physical Therapy* and *Orthopaedic Physical Therapy Practice*.

Specialization 08—Joe McCulloch

The orthopaedic specialty area now has the largest number of certified specialists. As of this year, 61 total specialists are certified and 35 more will be certified at CSM in Orlando.

The Specialty Council currently consists of Joe McCulloch, Rick Ritter, and Susan Stralka. Rick has been appointed for another four year term at the Councils request. He will take over the Chairmanship when Joe rotates off next year. After that, when Susan Stralka rotates off, a certified specialist will be put on the Council. The process will then be, as each person rotates off of the Council they will be replaced by a certified specialist.

The third exam will be offered in Orlando, Florida, on January 30, 1991. After this time, a new examination will have to be developed since all previous exams will have been given. At this time some item-writer workshops will be conducted around the country. Hopefully the certified specialists will be the itemwriters. Anyone interested will also be asked to assist in that process.

There is a great interest in the practical component of the exam. This has been a long range goal of the Orthopaedic Section. It is still being looked into but is not a feasible process at this time.

The Section is pleased to now have one of its members, David Greathouse, serving on the ABPTS. David has been very helpful to the Council.

Anyone interested in the specialization process needs to call the ABPTS and get the basic information or call the Orthopaedic Section office and get the competencies book. Any questions remaining after that can be directed to one of the specialty council members. The Council is not allowed to give out any information on the exam, but the people who took it are free to discuss it in any way they wish.

During the years of transition with the Orthopaedic Specialty Council changing over membership, the Section was simultaneously working with the ABPTS on a task force allowing for fiscal independence. The ultimate goal is letting the councils

recoup the money that had already been invested in the process. Each of the Sections were to submit a budget of the monies that had been allocated over the years in the process of developing that Section's exam. The Orthopaedic Section submitted a budget of \$122,000. Last year, after the Section gave its first exam, a check was issued for approximately \$15,000 (this was based on a formula established by the task force). This year an additional \$15,700 was received.

Practice Affairs 10— Garvice Nicholson

The Committee has been publishing a column in *Orthopaedic Physical Therapy Practice*. The last one summarized the program that Ken Davis and Stanley Paris did on manipulation and state practice acts.

The Committee has also been working on a position statement relative to manipulation. Those involved in this activity were the Practice Affairs Committee and a task force consisting of Bill Boissonnault, Stanley Paris, Helen Price, and Phil McClure. The Executive Committee questioned whether this should be a position statement or an opinion statement. An official position statement must be backed up by factual research, an opinion statement does not. The general content of the paper was approved and the Executive Committee supports the use of manipulation in all of its forms by physical therapists and the force, duration, amplitude, etc., will be at the discretion of each therapist.

Public Relations 13— Karen Piegorsch reporting for Jonathan Cooperman

Our public relations chair is Jonathan Cooperman. This year Jonathan has been accepted into law school and based on those demands was not able to attend this meeting. Karen Piegorsch, a Public Relations Committee member, will report for Jonathan.

The 15th Anniversary issue of *Orthopaedic Physical Therapy Practice* won two third place prizes in the 1989 APTA Public Relations Awards. They were in the magazine, newsletter, and bulletin category and the brochure and special publications category.

The Committee has been working on updating Section brochures and developing brochures that members can use in marketing their services such as a back program or foot and ankle program. Plans to have photos available for use in the booth should be completed soon. The

concept of developing an orthopaedic bookstore has been put on hold until next year.

At the booth this year the give-away items are laminated luggage tags and mints. The raffle is for a mini color TV like the one used last year. Raffle tickets are available for one dollar at the Section booth. The drawing will be Wednesday at noon.

Awards 14—Jan Richardson

Carolyn Wadsworth is Chair of the Awards Committee but was unable to attend this meeting. At the Executive Committee meeting, a motion to approve the Distinguished Service Lecture Award was passed. The Awards Committee had gotten together the purpose, eligibility, and criteria for selection of this award. The purpose and eligibility reads: The purpose of the Distinguished Service Lecture Award is to acknowledge and honor a most outstanding Orthopaedic Section member whose contributions to the Section are of exceptional and enduring value, and to provide an opportunity for the recipient to share his/her achievements and ideas with the membership through a lecture presented at the APTA Combined Section Meeting. There are two eligibility criteria, the first is the nominee must be a member of the Orthopaedic Section who has made a distinguished contribution to the Section; and second, the members of the Executive Committee and the members of the Awards Committee shall not be eligible for the award during their term of office. The criteria and notification of the award and its presentation will be published in *Orthopaedic Physical Therapy Practice*. Receipt of nominations for this award are to be submitted by December 1st prior to the year of announcement of the recipient.

OLD BUSINESS

Additional Meeting of the Orthopaedic Section— Annette Iglarsh

At our last meeting it was suggested the Section look at having another meeting of the Orthopaedic Section. This would be an opportunity to bring people together and serve as an educational format of good networking while also being an enormous money maker. The possibility of combining the competency review course with this additional Orthopaedic Section meeting is being considered. Another option would be to hold a separate meeting at our Fall Executive Committee meeting. One review course a year, beginning in 1991, will be held rather than two.

The membership was in favor of having an additional orthopaedic meeting so the Committee Chair will report back in *Orthopaedic Physical Therapy Practice* or at our next meeting. A proposal was made for establishing an independent meeting to occur initially at the competency review course in San Diego the third week in September, 1991.

Committee Chair and Member Appointment Schedule—Jan Richardson

Bill Fromherz resigned as Member-at-Large. In the post Executive Committee Meeting, an appointment will be made to that position. Bill was to be up for reelection in the spring of 1991 so this will be a one year appointment. The requirements of the position include having a good working knowledge of the APTA bylaws as well as the Orthopaedic Section bylaws. As an elected officer the Member-at-Large is responsible for the Nominating Committee and the Practice Affairs Committee. Each of the standing committees within the Section is responsible back to an elected officer who is the liaison back to the Executive Committee. Additionally, the Member-at-Large has been the overseer of the Policy and Procedures Manual.

The membership was asked if there was anyone who would be willing to fill the vacancy of Member-at-Large for the remaining year of Bill Fromherz's vacancy. Rick Reuss nominated himself and Nancy White was nominated from the floor. These nominations were brought forth to the Executive Committee at their post meeting. The results will be published in *Orthopaedic Physical Therapy Practice*.

- Research Committee appointments

There are four new members which have received Executive Committee approval to serve on the Research Committee: Kent Timm, Paul Beattie, Phil McClure, and Mark Wiegand.

- Practice Affairs Committee appointments

The new appointments to the Practice Affairs Committee are: Bill Boissonnault and Jack Briley.

All members interested in the future of the Orthopaedic Section were encouraged to come forward and voice their interests and willingness to commit some time and energy to the Section.

1991-92 Site for Review Course—Annette Iglarsh

The Review Course for 1991 is slated for San Diego. A contract with the Town and Country Hotel has been signed. This hotel has been recently renovated and the meeting facility should be excellent. The course will be the third week in September, 1991.

Other.

None.

NEW BUSINESS

1991 CSM, Orlando, Florida—Annette Iglarsh

The meeting will be held January 31 - February 3. Thursday will be joint programming with the rest of the Sections on documentation of outcome and a three hour presentation with Private Practice on industrial physical therapy (this is one of the roundtable discussions which was started last year). Concurrently the foot and ankle physical therapists will be meeting. This will be an educational as well as a business meeting session. The remainder of Thursday the Sports and Orthopaedic Executive Committees have a joint meeting.

Friday is a joint program with Sports and Research beginning with the Michael's forum on the research component of soft and boney tissue. It will be a scientific approach to the clinical conditions seen on a daily basis in the clinic.

Saturday, the Private Practice, Electro and Orthopaedic Sections will offer an hour of programming on modality directed at the physical therapy assistant. The Section business meeting will be held in the morning. In the afternoon, another roundtable is scheduled on head and neck physical therapy. This will be followed by two hours of research presentations. On Saturday evening, Research and Orthopaedics will be presenting an all you can eat ice cream party to benefit the Foundation.

Sunday will be a new concept in a roundtable format on manual therapy. This is the only one of the four designated roundtable groups that deals with a technique rather than a specialization area within physical therapy. Research will then follow as well as the Post Executive Committee meeting.

The next Review course will be in Stuart, Florida, August 5-11, 1990. It will be held at the Indian River Plantation and Resort.

Thirty-three applications have been received to date.

Future Joint Meetings with the Canadians—Annette Iglarsh

The Section has proposed, to the Canadians, reorganization of the meeting schedule between the Orthopaedic Section and the Canadian Physiotherapists. The intent was to meet with the Canadians every two years. Every fourth year would be at a national APTA meeting. Every other two years would be a separate meeting. The Section will cosponsor the IFOMT meeting in Vail, Colorado, in 1992 and meet with the Canadians in Toronto in 1994, and then hold a joint meeting in Florida, in 1996.

Other.

The Orthopaedic Section would like to formally recognize and thank Anne Campbell, who was unable to attend this meeting, for serving on the Nominating Committee over the last three years and who has served as Chair for this past year. Anne has done an outstanding job and has continued to heighten the level of sophistication of that committee. Anne and the Nominating Committee members were applauded for their efforts with regard to the types of responses being received from the mail ballot. Responses have gone from 500 to 1,000 in one year.

The Section also has one outgoing officer; Bob Burles, Treasurer. At the beginning of Bob's term of office he said he hoped to take the position of Treasurer and turn it into a job that anyone could do. This statement was very understated. Over the past five years Bob has brought us into the world of computers to a point where the Orthopaedic Section office is computerized to a level that is more sophisticated than APTA's office. Bob's time spent has been overwhelming.

Bob was presented with a plaque which states: Presented to Bob Burles for dedicated service and innovative leadership as Treasurer of the Orthopaedic Section of which he served for longer than any other treasurer in the history of the Section, 1985-1990.

Congratulations went out to all members who are newly board certified orthopaedic specialists, including Garvice Nicholson and Jan Richardson.

ADJOURNMENT

1990 MASTER CALENDAR

ORTHOPAEDIC SECTION APTA

AUGUST

- 5-11 Review for Advanced Orthopaedic Specialty Competencies Course, Stuart, FL
- 15 Mailing Date *Orthopaedic Practice*—August issue
- 20 JOSPT Mailing Date—September issue

SEPTEMBER

- 3 HOLIDAY—Labor Day
- 14 Editorial materials due to Section Office for November Issue of *Orthopaedic Practice*
- 18 JOSPT Mailing Date—October Issue

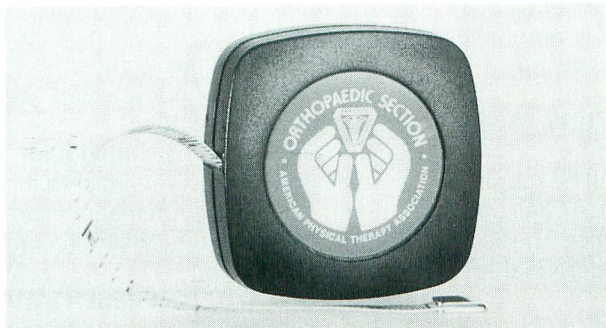
OCTOBER

- 18 JOSPT Mailing Date—November Issue
- 18-21 Fall Executive Committee Meeting—Pittsburg, PA
- 26-28 APTA Professional Issues Workshop, Minneapolis, MN

NOVEMBER

- 5-7 APTA Board of Directors Meeting
- 10 Mailing Date of *Orthopaedic Practice*—November Issue
- 15 Editorial materials due to Section Office for January, 1991 issue of *Orthopaedic Practice*
- 19 JOSPT Mailing Date—December Issue
- 22 HOLIDAY—Thanksgiving Day

Orthopaedic Section Logo Tape Measure



This indispensable piece of equipment for any physical therapist is now available with the section logo. This 5 foot automatic return tape measure is black with a distinctive blue and white logo. Excellent for use in the clinic or as a gift.

Orthopaedic Section Logo Tape Measure

Only \$4.00 member
\$6.00 non-member

To order send a check or money order payable to:
Orthopaedic Section APTA
505 King St., Suite 103
La Crosse, WI 54601

Add \$2.50 per order for postage and handling.
Allow 2-3 weeks for delivery.

Orthopaedic Section Logo Paperweight



This handsome solid brass paperweight which measures a full 3 inches is a useful and distinctive addition to your office or home. Useful for yourself or an excellent gift for others.

Orthopaedic Section Logo Paperweight

Only \$25.00 member
\$40.00 non-member

To order send check or money order payable to:
Orthopaedic Section APTA
505 King St., Suite 103
La Crosse, WI 54601

Add \$2.50 per order for postage and handling.
Allow 2-3 weeks for delivery.

Distinguished Service Lecture Award

A motion was passed at the Executive Committee meeting at Annual Conference to approve the Distinguished Service Lecture Award, an Orthopaedic Section Award. Please submit any nominations to the Section office by December 1, 1990.

PURPOSE

1. To acknowledge and honor a most outstanding Orthopaedic Section member whose contributions to the Section are of exceptional and enduring value.
2. To provide an opportunity for the recipient to share his or her achievements and ideas with the membership through a lecture presented at an APTA Combined Sections Meeting.

ELIGIBILITY

1. The nominee must be a member of the Orthopaedic Section, APTA, Inc. who has made a distinguished contribution to the Section.
2. Members of the Executive Committee and members of the Awards Committee shall not be eligible for the award during their term of office.

CRITERIA FOR SELECTION

1. The nominee shall have made substantial contributions to the Section in one or more of the following areas:
 - a. Demonstrated prominent leadership in advancing the interests and objectives of the Section.
 - b. Utilized exceptional ability and influence to promote the science, education, and practice of orthopaedic physical therapy.
 - c. Obtained professional recognition and respect for the Section's achievements.
 - d. Advanced public awareness of orthopaedic physical therapy.
 - e. Served as an accomplished role model, and provided incentive for other members to reach their highest potential.
 - f. Utilized notable talents in writing, teaching, research, administration, and/or clinical practice to assist the Section and its membership in achieving their goals.
2. The nominee shall possess the ability to present a keynote lecture, as evidenced by:
 - a. Acknowledged skills in the organization and presentation of written and oral communications of substantial length.

- b. Sufficient background, knowledge, and experience from which to draw lecture material.

PROCEDURE FOR NOMINATION

1. Any member of the Orthopaedic Section may nominate candidates for the award.
2. One original set and four duplicates of all materials submitted for each nomination must be received by the Administration Director at the Section office by December 1, for consideration for the award in the following year.
3. The materials submitted for each nomination shall include the following:
 - a. A support statement from the nominator, indicating reasons for the nomination, and clarifying the relationship between the nominator and nominee.
 - b. Support statements from a minimum of 5 professional colleagues.
 - c. Support statements from a minimum of 5 individuals who are not physical therapists, but have been involved with the Section through association with the nominee.
 - d. Support statement from a minimum of 5 Orthopaedic Section former or current officers or committee chairs.
 - e. The nominee's curriculum vitae.
4. The nomination materials should document examples of how the nominee fulfills the criteria for this award.

PROCEDURE FOR REVIEW AND SELECTION

1. Nomination materials shall be submitted to the Awards Committee Chair and members by the Section office. The Section office will retain the original set of materials.
2. The Awards Committee will review the nominations and recommend the most qualified candidate to the Executive Committee.
3. The Executive Committee will select the recipient.
4. Any member of the Awards or Executive Committees, who is closely associated with the nominee, will abstain from participating in the review and selection process.
5. The award will be presented only if there are qualified candidates, and one is selected.
6. Nomination materials are considered the property of the Awards Committee, who will maintain their confidentiality.

7. Nomination materials will not be returned. If any individual is not selected for the award in a given year, that individual may be nominated in subsequent years.

LECTURE

1. The recipient will present his lecture at a Section "Awards Session" at the APTA Combined Sections Meeting. The lecture should not last longer than thirty minutes.
2. The title of the lecture will be left to the discretion of the recipient.
3. The lecture should focus on the recipient's ideas and contributions to the Section and orthopaedic physical therapy.
4. The recipient will be invited to submit a written copy of the lecture for publication in the Section's official publication *Orthopaedic Physical Therapy Practice*.

NOTIFICATION OF THE AWARD

1. The President of the Section will notify the recipient by April 1st and obtain written confirmation of acceptance from him, by May 1st.
2. The name of the recipient will be kept confidential until announced at the APTA annual meeting following the selection, approximately 8 months before he is to present the lecture.
3. The award will be presented at the APTA Combined Sections Meeting following presentation of the lecture.
4. Those nominees not selected will be so informed in writing.
5. The nominators of individuals not selected will receive a letter thanking them for their participation and informing them of the award recipient.

THE AWARD AND ITS PRESENTATION

1. The Orthopaedic Section will reimburse the recipient for round trip coach airfare from any site in the U.S. or Canada to the Combined Sections Meeting at which the lecture is presented, two days per diem consistent with the Section's current reimbursement rates and one day's conference registration.
2. On the occasion of the presentation of the lecture, the awardee will receive an appropriate plaque and an honorarium of \$250.
3. The recipient's name and date of award will also be inscribed on a Distinguished Service Lecture Award plaque that is retained and displayed in the Section's headquarters.

Request for Recommendations for Orthopaedic Section Offices

The Orthopaedic Section of the APTA needs your input for qualified candidates to run for the offices listed below. To serve is exciting and an honor! If you would like the opportunity to serve the Section or know of qualified members who would serve, please fill in the requested information. Return this completed form to the Chair of the Nominating Committee as soon as possible before January 1, 1991. The Nominating Committee will solicit the consent to run and biographical information from the person you recommend.

(print full name of recommended nominee)

Address City State Zip

(Area code) Phone number (home)

(Area code) Phone number (office)

is recommended as a nominee for election to the position of:

CHECK THE APPROPRIATE POSITION:

- MEMBER-AT-LARGE (3 years):
Should have knowledge of both the APTA bylaws and Orthopaedic Section bylaws.
- Nominating Committee Member (3 years):
Should have broad exposure to membership to assist in formation of the slate of officers.

★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★ ☆ ★

PLEASE RETURN BY JANUARY 1, 1991 TO:

Scott M. Hasson, Ed.D., P.T.
Chair, Nominating Committee
Dept. of Physical Therapy
School of Allied Health Sciences
University of Texas Medical Branch
Galveston, TX 77550

Nominator: _____

Address: _____

Phone: _____

ORTHOPAEDIC CLINICS

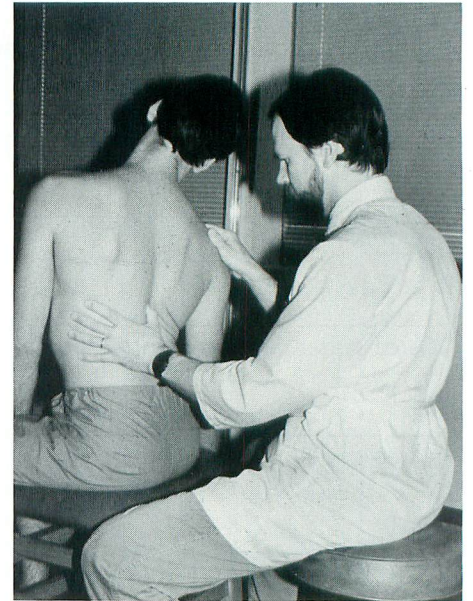
PHYSICAL THERAPY ORTHOPAEDIC SPECIALISTS, INC.

Physical Therapy Orthopaedic Specialists, Inc. (PTOSI), is a physical therapist owned practice which specializes in orthopaedic physical therapy. Our purpose is to deliver the highest quality of patient care to the community based on clinical research and education. To ensure the quality of patient care provided, PTOSI is committed to the professional growth of our staff and to the physical therapy profession as a whole.

PTOSI was founded in 1983 by Mark Bookhout, M.S., P.T., and Don Darling, M.S., P.T., in response to a need for comprehensive physical therapy care for low back patients from the Institute for Low Back Care at the Sister Kenny Institute (SKI) in Minneapolis, Minnesota. Don and Mark subcontracted with the SKI to provide specialized orthopaedic services. The growth of the practice finally exceeded the physical limits of SKI and in 1989 PTOSI moved across the street to its own new 8300 square foot facility. Although three physical therapists at a time still

rotate through the Sister Kenny Institute in six month shifts, 16 others enjoy the modern, quiet, more efficient setting of the new building. The Institute for Low Back Care and the Center for Diagnostic Imaging are also housed within the new building, providing PTOSI with a close working relationship with radiologists and physicians specializing in spinal care and surgery.

Of the 19 therapists on staff at PTOSI, six have Master of Science degrees. Four others are currently working on theirs, three in Orthopaedic Physical Therapy and one M.B.A. One therapist is a Graduate of the Kaiser Hayward Program and two are certified by the Institute of Graduate Health Sciences. Four of the six with Masters Degrees in Orthopaedic Physical Therapy graduated from the Institute of Graduate Health Sciences in 1982. Two therapists have a subspecialty in OB/GYN physical therapy and another is currently a student in Frank Wildman's four year Feldenkrais program. One therapist is an Iyengar yoga instructor;



Mark Bookhout manually assessing intervertebral mobility of the spine.

another is an A.T.C.

Due to the demands of our specialized practice, PTOSI developed a six month work/study training program for its new employees. This program covers such topics as spinal biomechanics, pathohistology, and various approaches to evaluation and treatment of the spine.

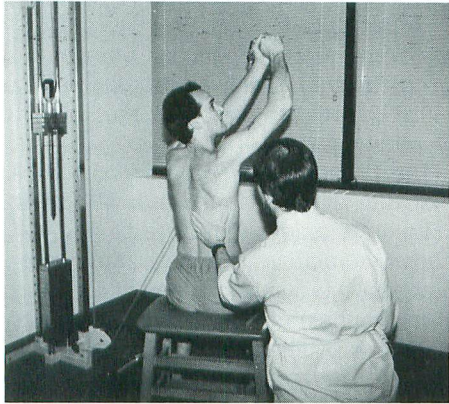
Many of PTOSI's therapists are teachers as well as clinicians. Bill Boissonnault and Steve Janos both formerly taught in the Physical Therapy Programs at Northwestern University in Chicago, and Bill currently teaches at the University of Tennessee and the University of Minnesota. Mark is on the Continuing Medical Education Staff for the Osteopathic College at Michigan State University and he also formerly taught for Stanley Paris. Bill currently teaches. Stanley, Jim Holte and Kathy Anderson occasionally assist him in the FCO course. Bill and Jill Boissonnault, and Marla Bookhout have taught for the OB/GYN Section, and Mark, Marla, Bill, Jill, Steve, and Liz Schorn have done various courses in different parts of



The offices and clinic for PTOSI occupy the entire second floor of the building at 2800 Chicago Avenue.

the country. All of our staff have been involved within the community speaking to various groups on different aspects of orthopaedic physical therapy.

PTOSI provides clinical internships for graduate students in orthopaedic physical therapy from Northwestern University and the University of Minnesota. Clinical internships are also provided for undergraduate physical therapy students from the University of Minnesota. Marla is the Clinical Coordinator and many of the staff participate as preceptors and clinical instructors.



Patients are individually instructed in an exercise program based on the examination findings.

In addition to the therapists in our clinic, we have an office staff of nine very capable and friendly people, and six physical therapy aides. We see approximately 350 new patients per month and render 2500 follow up visits, even with two therapists currently on maternity leave and two others working part time. With our eclectically trained staff, patients have available to them a wide variety of treatment approaches, plus group classes in stabilization exercises, therapeutic yoga, Feldenkrais, medical exercise training, and functional activity training. Patients come to us from the Twin Cities of Minneapolis and St. Paul, as well as from the surrounding midwest region. Out-of-town patients can stay at the Wasie Accommodations Center of the SKI for a week while receiving b.i.d. therapy plus appropriate group classes.

Although our initial referral base gained us a reputation for evaluation and treatment of low back pain patients, the scope of our practice has expanded dramatically in seven years. We are proud to have become recognized for excellence in the treatment of difficult

(Continued on page 25)

Orthopaedic Section Receives Honors In The APTA 1990 Public Relations Awards Program

The Orthopaedic Section of the American Physical Therapy Association (APTA) received third place in the Magazines, Newsletters, and Bulletins category and third place in the Brochures and Special Publications category of the APTA Sixth Annual Public Relations Awards Program.

The Orthopaedic Section's award winning clinical magazine, *Orthopaedic Physical Therapy Practice*, is a quarterly publication distributed to 11,000 members and external subscribers. The Section also received honors from the anniversary issue of *Orthopaedic Physical Therapy Practice* which focused on the development of the Orthopaedic Section over the past 15 years.

"The Orthopaedic Section's efforts strengthen the physical therapy profession on a local level and nationwide," according to Bill Coughlan, APTA's Executive Vice President and Chief Executive Officer.

The program provided a forum for APTA sections and state chapters to present their public relations programs and materials to a panel of communication experts. Entries were judged on their effectiveness in reinforcing a positive image of the physical therapy profession and the association. The winners were awarded plaques at a special awards reception on June 26 in Anaheim, California, during the APTA 66th Annual Conference.



Jane Matthews, President of APTA presents Terri Pericak on behalf of the Orthopaedic Section, with third place honors.

SECTION NEWS

VICE PRESIDENT

Accomplishments/Activities:

Since CSM in New Orleans, the Vice-President has dealt primarily with governance issues of the Section and the vacancies of the JOSPT and *Orthopaedic Physical Therapy Practice* editorial staffs.

The Vice President attended a special meeting of the Executive Committee April 1, in Alexandria, Virginia. The First North American Orthopaedic Symposium in Ottawa, Canada, May 12 and 13, was also attended.

A marketing survey was developed to obtain feedback from the membership concerning their potential interest in 1) management skills for the P.T. clinician and 2) leadership building for component leaders. This survey was published in *Orthopaedic Physical Therapy Practice* prior to the Annual Conference.

Feedback was given relative to the Women's International Tennis Association's request to use competency statements verbatim from the Orthopaedic Specialty Council competencies. The position Statement on Manipulation submitted by the Practice Affairs Committee was also reviewed and recommendations made to the committee chair.

Perceived 1990 primary goals for programs were received from all programs, except two. These were included in the Annual Conference meeting notebook for discussion.

The letter of agreement between the Orthopaedic Section and the P.T. Foundation was reviewed for clarification of our present commitment as a Section. This information was also shared with the chair of the Research Committee.

It was arranged to obtain a copy of a correspondence program, *Management of the Physical Therapy Department*, from the Catholic Health Association that may be used as a resource for our members in the future.

Duane Williams, P.T., M.A.
Vice President

PROGRAM CHAIR

1990 continues to be a busy year for the Education Program Committee. Here are the highlights:

The First North American Orthopaedic Symposium was held in Ottawa, Canada on May 10-16, 1990. There were approximately 300 attendees. Over 82 were American Physical Therapists. Our Canadian hosts planned an extensive, comprehensive academic program which encompassed scientific research and clinical practice. In the tradition of physical therapists the Canadians also planned a fun series of social events, beach party and all.

The Annual Conference was held in Anaheim, California, on June 21-28, 1990. Because of the extensive amount of Section business and the meeting of the House of Delegates the Section does not usually conduct educational programming at the Annual Conference. This year, at the request of the roundtable on Industrial Physical Therapy, a short meeting was held to update the group on the surveys of Industrial Practice. Unfortunately, the attendance was low due to the early hour and the limited advertising outlets available to promote a Section meeting at Annual Conference. Despite the small group, the enthusiasm was strong for continuing its promotion. The group will re-convene at the Combined Sections Meeting 1991 and all interested therapists are invited. The general Orthopaedic Business meeting was held on Sunday morning, June 24th and twenty-nine members participated.

The Review for Orthopaedic Competencies will be held in Stuart, Florida on August 5-11, 1990. This will be the last course offered for 1990. The 1991 course will be on the West Coast in the Fall of 1991. More precise plans will be announced in the next issue of *Orthopaedic Physical Therapy Practice*.

The Executive Committee will be exploring the following educational issues at its Fall Meeting:

1. The formal strategic plan for Orthopaedic Roundtables.
2. Alternative learning modes for continuing education.
 - a. Audio and/or video tape programs.

- b. Satellite programming.
- c. Home study programs.
- d. Regional conferences.

3. Development of an educational/business meeting to be held in addition to the Combined Sections Meeting.
4. Second North American Orthopaedic Symposium, Vail, Colorado, Spring 1992, to coincide with the IFOMT meeting.

The Program for Combined Sections 1991 is tentatively planned and will appear in the next issue of *Orthopaedic Physical Therapy Practice*. It is an exciting, comprehensive program planned in conjunction with the other sections. Roundtables on Manual Therapy and Head and Neck Physical Therapy will join Foot and Ankle Physical Therapy and Industrial Physical Therapy. Reserve Saturday night for an Ice Cream Party with the Section on Research to benefit the Foundation—bring your sweet tooth!

Z. Annette Iglarsh, P.T., Ph.D.
Chair, Education Program Committee

PUBLIC RELATIONS

Karen Piegorsch, committee member, attended the Annual Conference and was present at both the Executive Committee and Business Meetings. The annual raffle brought in \$283.00. The prize (a 2" color TV) was won by Brian Tovin from Atlanta. We are in the process of preparing color photographs of orthopaedic physical therapy in action for the Section booth.

Jonathan Cooperman
Chair, Public Relations Committee

TREASURER

The Treasurer has had ongoing communication with the Section office concerning the IRS audit and the McGladrey and Pullen audit. The IRS audit was successfully defended except for the question of a salaried employee versus a consultant. The bottom line is that the total was cut from nearly \$30,000 to only \$5,000. McGladrey and Pullen have finished our base year audit with the Section in the Black by \$2,600 rather than over \$20,000 in the red as the Treasurer reported at CSM.

The 1989 annual tax return is in the process of being done by McGladrey and Pullen and all appropriate reports have been forwarded to APTA.

The Treasurer has been providing the Finance Committee and Executive Committee with monthly statements of actual expenses versus the 1990 budget. As of April the Section finances are running well in the positive.

The office of Treasurer was turned over to John Wadsworth as of Annual Conference, 1990; Bob Burles will continue to serve on the Finance Committee for one year for transitional purposes and then be replaced by a new member.

Robert E. Burles, P.T.
Treasurer & Chair, Finance Committee

SPECIALIZATION

The Orthopaedic Specialty Council met with the ABPTS April 7-10, 1990. At that time, Specialty Council members participated in an Item Writers Workshop which was designed to develop workshop leaders. It is the plan of the Council to conduct several Item Writer Workshops around the country within the next year. It is hoped that these workshops can be located in areas of the country where certified orthopaedic specialists might reside. The Council feels very strongly that certified specialists should now become involved in the item writing process.

With regard to certified specialists, the Council is pleased to announce that 35 new specialists will become certified this year. These individuals have been notified and their certificates will be awarded at the Combined Sections meeting in 1991.

I am pleased with the productivity of the Council to this point. As certified specialists become more involved in the process, I feel that we will see even greater progress in the area of certifying Orthopaedic Clinical Specialists.

Joseph McCulloch, Ph.D., P.T.
Chair, Orthopaedic Specialty Council

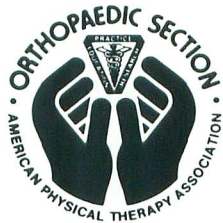
RESEARCH

The new members of the Research Committee have been approved by the Executive Committee. This new committee is highly qualified to continue the excellent work done in the past by the Research Committee. The new members are: Paul Beattie, M.S., P.T.; Kent Timm, Ph.D., P.T.; and Phil McClure, M.S., P.T. These committee members represent the broad spectrum of orthopaedic physical therapy from both the clinical and academic perspective. In addition, three members of the committee are certified orthopaedic specialists.

The "Call for Participants" to present research at the CSM in Orlando, Florida has been published in the *Journal of Orthopaedic and Sports Physical Therapy* and *Orthopaedic Physical Therapy Practice* over the last several months. I urge all who are interested to contact me as soon as possible.

The "Call for Nominations" for the Rose Excellence in Research Award has also been printed in the Section publications. The article must have been published in a refereed journal between September 1, 1989 and August 31, 1990. The deadline for nominations is September 4, 1990.

Dan L. Riddle M.S., P.T.
Chair, Research Committee



MANY FACES OF PAIN November 8-10, 1990

North American Academy of Musculoskeletal Medicine Annual Meeting, Doubletree Hotel, Tucson, Arizona. For more information contact Barbara Johns, NAAMM, 7611 Elmwood Ave. Suite 202, Middleton, WI 53562 or call (608) 831-9240.

The topic is MANY FACES OF PAIN. The invited speakers are Andrew Weil, M.D., Mitchell Elkiss, D.O. and Jack Boyer, M.D. The meeting is a combination of lecture and "hands-on" workshops.

SHORT TERM COURSES

INSTRUCTIONS FOR SHORT-TERM COURSE ADVERTISEMENTS

Advertisers are requested to include all necessary information for prospective course participants. The *Orthopaedic Physical Therapy Practice* is published 4 times per year-January, May, August, November. Ad deadlines are the first day of the preceding month. Rates are \$5.00 per line. Lines may be estimated on a 45 character per line basis (this includes letters, punctuation marks and spaces). The right to reject an ad or change wording is retained by the editor. Ads must be accompanied with payment. Send copy to: Orthopaedic Physical Therapy Practice, 505 King Street, Suite 103, La Crosse, WI 54601.

MANUAL THERAPY FOR SPORTS MEDICINE: THE LOWER QUADRANT, November 29-30, 1990, Burlington, MA. Jay Kain, Sharon Weiselfish. For more information: Education Resources, Inc. 16 Park Street, Suite 2, Medfield, MA 02052.

CYRIAX APPROACH TO ORTHOPAEDIC EVALUATION AND TREATMENT, 1990 COURSE SERIES, PRESENTED BY ORTHOPAEDIC MEDICINE INTERNATIONAL. PART I: Low Back and Lower Extremity, July 6-10; Nov. 26-30. PART II: Cervical and Upper Extremity, Dec. 1-5. PART III: Sacrioliac, Hip and Buttock, July 11-15 (Must have taken Parts I and II with OMI). Instructors: Robert DeConnick, Robert Pacham. Sponsored by Physical Therapists of MD, PAC. Location: University of Maryland at Baltimore. For information write or call: OMI, 2300 Garrison Boulevard, Suite 190, Baltimore, MD 21216; Susan Neufeld (301) 566-2501 (day); Lee Miller (310) 363-4456 (eve).

CALL FOR NOMINATIONS APTA SPECIAL AWARDS

We need your help in recognizing outstanding contribution in Physical Therapy! Nominations are now being accepted from individuals or institutions for any of the following awards or scholarships:

(DEADLINE IS OCTOBER 1, 1990)

APTA AWARD NOMINATIONS AWARD

Mary McMillan Scholarship: Honors outstanding physical therapy students

Dorothy E. Baethke—Eleanor J. Carlin Award for Teaching Excellence: Acknowledges dedication and excellence in teaching in physical therapy

Signe Brummstrom: Acknowledges individuals who have made significant contributions to physical therapy

Award for Excellence in Clinical Teaching: Acknowledges individuals who have made significant contributions to physical therapy clinical education through excellence in clinical teaching

Catherine Worthingham Fellows of the APTA: Recognizes those persons whose work has resulted in lasting and significant advances in the science, education, and practice of the profession of physical therapy

Henry O. Kendall and Florence P. Kendall Award for Outstanding Achievement in Clinical Practice: Acknowledges contributions to physical therapy in general (must have engaged in extensive clinical practice at least fifteen years)

Marion Williams Award for Research in Physical Therapy: Given for sustained and outstanding basic, clinical, or educational research

Lucy Blair Service Award: Acknowledges members whose contributions to the Association have been of exceptional value

Mary McMillan Lecture Award: Honors a member of the Association who has made a distinguished contribution to the profession; through a lecture presented at the Annual Conference

Minority Achievement Award: Recognizes continuous achievement by an entry-level accredited physical therapy program in the recruitment, admission, retention, and graduation of minority students

Minority Initiatives Award: Recognizes the efforts of a physical therapy program in the initiation and/or improvement of recruitment, admission, retention and graduation of minority students

Chapter Award for Minority Enhancement: Acknowledges exceptionally valuable contributions of an APTA chapter to the profession relative to minority representation and participation

Space limitations do not permit a complete description of awards and scholarships, or the complete criteria. If you desire additional information, please contact me through the Section office. Send

your recommendations/nominations to:

Scott M. Hanson, Ed.D., P.T., FACSM
Chair, Nominating Committee,
Orthopaedic Section
Department of Physical Therapy
University of Texas Medical Branch
Galveston, TX 77550 (409) 761-3068
or
Orthopaedic Section, APTA, Inc.
505 King Street, Suite 103
La Crosse, WI 54601 (608) 784-0910

CLINICAL COORDINATOR Physical Therapist/ATC

Vanderbilt University Medical Center, a progressive 661-bed tertiary care teaching facility, has an immediate opportunity for a PT/ATC with clinical and administrative skills to serve as the Clinical Coordinator for the state-of-the-art Vanderbilt University Center for Sports Medicine.

In this key position, you will be responsible for clinical management of athletic injury rehabilitation programs for local high school, recreational and intercollegiate athletes; you will conduct research into clinical practice, exercise physiology and biomechanics; you will be involved in the administration of local, regional and national educational programs; your management duties will include budget preparation and staff supervision.

To qualify, you must have PT/ATC certification and 3-5 years of clinical experience, preferably including supervisory or management responsibilities. A Master's degree is required.

Vanderbilt offers you an excellent compensation package with a competitive, negotiable salary. For confidential consideration, send cover letter and resume to:

Marianne Blackwell
VANDERBILT UNIVERSITY
Recruitment & Staffing
Box 160, Peabody Campus • Nashville, TN 37203

Vanderbilt University is an equal opportunity/affirmative action employer.



RESEARCH COMMITTEE OF THE ORTHOPAEDIC SECTION, APTA, INC
CALL FOR PARTICIPANTS
RESEARCH PLATFORM AND POSTER PRESENTATIONS
APTA COMBINED SECTIONS MEETING

ORLANDO, FLORIDA, JANUARY 31 - FEBRUARY 3, 1991

Persons wishing to make platform or poster presentations of research dealing with topics related to Orthopaedics (basic science, applied sciences and clinical sciences) are invited to submit abstracts for consideration.

LIMITATIONS:

Presenter must be a current member in good standing of the Orthopaedic Section of the APTA, Inc. or must be sponsored by a current member in good standing of the Orthopaedic Section.

Each prospective presenter may submit no more than two abstracts. These abstracts must contain original material and may not have been presented at any national meeting or published prior to the 1991 CSM.

SUBMISSION REQUIREMENTS:

Deadline for Receipt of Abstract: Abstracts must be received at the address below by September 1, 1990.

Address abstracts to:

Dan L. Riddle, M.S., PT.
Research Committee Chairman
Orthopaedic Section, APTA, Inc.
c/o Department of Physical Therapy
Virginia Commonwealth University
Box 224, MCV Station
Richmond, VA 23298

Format for Abstracts: The abstract must be typed double-spaced on one side of a single 8½"×11" sheet of paper. The type must be 10 point or larger and produced on an electric typewriter, letter quality printer (impact or laser) or a high quality dot matrix printer with near-letter-quality type. The abstract must use standard abbreviations and should not contain subheadings, figures, tables of data or information that would identify the authors or the institution. Margins for the BODY of the text must be 1" on all sides.

The identifying information must be single spaced in the 1" top margin and include 1) the title in capitalized letters; 2) the name(s) of the author(s) with the presenter's name underlined; 3) the place where the work was done; 4) the address of the presenter enclosed in parentheses; 5) acknowledgement of any financial support for the work being presented.

In the lower left margin, type single-spaced 1) the APTA membership number of the presenter (or name and membership number of APTA member/sponsor if the presenter is not an Orthopaedic Section member); 2) the telephone number and area code of the presenter.

In the lower right margin, indicate the preferred mode of presentation (Platform or Poster).

Copies: Include one original and one copy of the complete abstract with all the identifying information as outlined above.

Include 10 copies of the abstract with only the title and the body of the text (eliminate all identifying information except the title).

CONTENT:

All abstracts must be reports of RESEARCH and must include in order 1) purpose of study; 2) hypothesis if appropriate; 3) number and type of subjects; 4) materials and methods; 5) type(s) of data analysis used; 6) numerical results of statistical test(s) where appropriate; 7) conclusion; 8) clinical relevance.

EVALUATION AND SELECTION:

All abstracts are reviewed by members of the research committee without knowledge of the identity of the authors. Abstracts are selected on the basis of compliance with the content requirements, logical arrangement, intelligibility and the degree to which the information would be of benefit to the members of the Orthopaedic Section. All selections are final.

ORTHOPAEDIC STUDY GROUPS

In an attempt to identify for section members study groups which are functioning in their area, the following list of persons concerned with study groups is published. It is our hope to develop a network of study groups to facilitate acquisition of the vast amount of knowledge encompassed in the area of orthopaedics.

ALABAMA

Tuscaloosa Area Orthopaedic Study Group

James A. Korte, Coordinator
c/o Department of Rehabilitation
DCH Regional Medical Center
809 University Boulevard E
Tuscaloosa, AL 35403
(205) 759-7157

ARIZONA

The Phoenix Manual Therapy Study Group

c/o Arizona Physical Therapy
Professionals
Timothy O. Fearon
6135 North Seventh Street
Phoenix, AZ 85014
(602) 230-9871

CALIFORNIA

Los Angeles Orthopaedic Study Group

Lyman Kennedy, Chairman
4144 North Gayle Street
Orange, CA 92665
(714) 638-9309 (Home)
(714) 847-1367 (Work)

Manual Therapy Study Group

Alice L. McCleary
1321 Cary Way
San Diego, CA 92109
(619) 488-6130

Northern California Orthopaedic Study Group

Richard Fike, MS, PT
4737 El Camino Avenue
Carmichael, CA 95608
(916) 487-3473

San Luis Obispo Orthopaedic Study Group

Ross Dover
6854 Morro Avenue
Morro Bay, CA 93442

TMJ Study Group

Joan Schmidt, P.T.
10921 Wilshire, Suite 704
Los Angeles, CA 90024
(213) 208-3316

Santa Barbara Orthopaedic Physical Therapy Study Group

Michael A. Mocny, Chairman
411 West Pueblo Street
Santa Barbara, CA 93105

Bay Area Orthopaedic Study Group

Daniel L. James, PT
1716 Ocean Avenue, #196
San Francisco, CA 94112-1792

CONNECTICUT

Regional Physical Therapy

Sharon Weiselfish, MA, PT
Crossroads Plaza
740 North Main Street, Suite 2-G
West Hartford, CT 06117
(203) 523-5487

FLORIDA

East Central Florida Orthopaedic Study Group

John C. Trittschuh
119 West Plymouth Avenue
Deland, FL 32720
(904) 738-3456

Manual Therapy Interest Group

Adam Geril, MS, PT, Chairman
Shands Hospital at the University of
Florida
P. O. Box J-341
Gainesville, FL 32611
(904) 395-0295

Jacksonville Area Orthopaedic Physical Therapy Study Group

Don Hunter, MS, PT
2561 Riverside Avenue
Jacksonville, FL 32204
(904) 388-6004

Southeastern Florida Orthopaedic Study Group

Bruce R. Wilk
8955 S W 87th Court, #212
Miami, FL 33176
(305) 385-0518

Treasure Coast Orthopaedic Study Group

Ron Wilson
2236 11th Lane
Vero Beach, FL 32960
(305) 567-4311

Tampa Bay/St. Petersburg Orthopaedic Study Group

Mark A. Mlack
4003 Waterman Avenue
Tampa, FL 33609
(813) 875-4607

ILLINOIS

PIAC Sports Medicine Study Group

Kevin Wilk and Bill Moritz,
Co-Chairmen
c/o CORS
7600 College Drive
Palos Heights, IL 60463
(312) 361-0608

IOWA

Southeast Iowa Orthopaedic Study Group

Amy Davison, Chairman
St. Luke's Hospital
c/o Physical Therapy Department
1026 A Avenue, NE
Cedar Rapids, IA 52402
(319) 369-7278

KENTUCKY

Louisville Sports-Orthopaedic Study Group

Larry Benz, PT, Chairman
134 Heartland Drive
Elizabethtown, KY 42701
1-800-248-8262

LOUISIANA

New Orleans Orthopaedic Study Group

Rebecca Devoe
136 Rosewood
Metairie, LA 70005
(504) 831-4285

Bayou Orthopaedic Study Group

John Schmidt
1329 Englewood Drive
Slidell, LA 70458
(504) 649-5311

MARYLAND**Orthopaedic Study Group of Southern Maryland**

Bob Grossman, Chairman
2415 Musgrove Rd.
Silver Spring, MD 20904
(301) 989-9040

MASSACHUSETTS**Southeastern Massachusetts Orthopaedic Study Group**

Nanci Machnik, P.T., Chairman
Box 12-A, 3 Village Way
Brockton, MA 02401
(617) 587-5367

MICHIGAN**Grand Rapids Area Orthopaedic Study Group**

Joe Witte
355 Carlton, S.E.
Grand Rapids, MI 49506
(616) 458-6198

Southeastern Michigan Orthopedic Study Group

Mona L. Nazzaro, P.T.
Henry Ford Hospital
Bloomfield Physical Therapy
Bloomfield Medical Village
6405 Telegraph Road, Suite J4
Birmingham, MI 48010-1422
(313) 647-8140

MINNESOTA**Minnesota Orthopaedic Study Group**

Dennis Cramblit
The Orthopaedic and Fracture Clinic
Physical Therapy-Sports Medicine
Center
309 Holly Lane
Mankato, MN 56001
(507) 387-3444

Minnesota Orthopaedic Study Group

Jane Tadsen
501 South Maple Street
Waconia, MN 55387
(612) 442-2191 ext. 632

MISSOURI**St. Louis Orthopaedic Study Group**

Janet Tenhula, M.H.S., P.T.
509 S. Euclid Avenue
St. Louis, MO 63110
(314) 362-2381

NEW JERSEY**North Jersey Orthopaedic Study Group**

Brian Miller, Chairman
524 Westfield Avenue
Westfield, NJ 07090
(201) 233-1222

North Eastern New Jersey Orthopedic Study Group

Edward Kechner, Jr., P.T.
Hudson Heights Physical Therapy, Inc.
6045 Kennedy Boulevard
North Bergen, NJ 07047
(201) 798-5839

NEW MEXICO**New Mexico Manual Therapy Study Group**

Jerry Hesch, P.T.
12512 Monarch N.E.
Albuquerque, NM 87123

New Mexico Orthopaedic Study Group

Bruce Eckhardt
1008 Alvarado S.E.
Albuquerque, NM 87108
(505) 266-9540

NORTH CAROLINA**Triangle Orthopaedic Study Group**

Dennis Bongiorno
1510 Kirkwood Drive
Durham, NC 27705
(919) 477-3606

South Eastern North Carolina Orthopedic Study Group

Paul R. Murphy, Coordinator
Wilmington Physical Therapy
2207 Canterwood Drive
Wilmington, NC 28401
(919) 251-1818

OHIO**Northeast Ohio Orthopaedic Study Group**

Edie Knowlton Benner
Ron Kleinman
P.O. Box 17
Mantua, OH 44255
(216) 274-3148

OREGON**Oregon Orthopedic Physical Therapy Study Group**

Chris Hughes
c/o Lloyd Center Physical Therapy
1727 N.E. 12th Street
Portland, OR 97212
(503) 281-1924

PENNSYLVANIA**Scranton/Wilkes-Barre Orthopaedic Study Group**

Martin Stopper
232 Camelot Drive, RD #4
Clarks Summit, PA 18411
(717) 586-8340

South Central Pennsylvania Orthopaedic Study Group

Ted C. Pedernana
2120 Fisher Road
Mechanicsburg, PA 17055
(717) 691-1400

RHODE ISLAND**Orthopaedic Study Group of Rhode Island**

Alan N. Silk, P.T.
Occupational Orthopaedic Center,
Inc.
590 Pawtucket Avenue
Pawtucket, RI 02860
(401) 722-8880

TENNESSEE**Tennessee Orthopaedic Study Group**

Greg Cross, PT
The Sullivan Center
433 West Sullivan Street
Kingsport, TN 37660
(615) 229-7958

WASHINGTON**Washington Orthopaedic Special Interest Group**

Gerry Chanbers
9251 39th Avenue, South
Seattle, WA 98118
and
Brenda Matter
3953 South Ferdinand
Seattle, WA 98118

WISCONSIN**Indianhead Orthopaedic Study Group of Wisconsin**

Nan Belschner Cumberland, WI

TOPIC: CLINICAL MANAGEMENT HOME STUDY SERIES

PREMISE: You want to be the best clinician you can be, but sometimes daily hassles get in your way.

- | YES | NO | WOULD YOU LIKE TO: |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. learn the most important things you can do to make your customer (patient) happy? |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. know the key factors to job satisfaction and keeping your staff happy? |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. be more effective in dealing with physicians and administrators? |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. learn essential human relations skills and better understand the sensitivities of all people? |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. learn techniques for handling complaints and anger? |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. learn how to run a successful meeting and strategies for reaching agreement? |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. learn more about time management? |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. learn the basics of cost controls and budgeting? |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. learn the basics of marketing and advertising? |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. know the differences and key characteristics of a good leader and manager? |

PROPOSAL: We are considering the development of a two day seminar targeted to clinical physical therapists to cover clinical management skills. All examples in the seminar would be related to specific physical therapy scenarios. The seminar would be audio taped, then professionally edited into a "Reader's Digest" version on key topics. The outcome would be a home study course with 6-8 audio tapes, lesson plan, pre and post examinations, certificate upon completion, and a tickler card file for a quick desk reference.

YOUR OPINION? Before we spend any money on developing and producing such a program, we need to know your thoughts.

- | YES | NO | |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Would you be interested in attending a seminar on clinical management skills? |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Would you be interested in a home study audio taped program on clinical management skills? |

List topics you would like to have covered in a clinical management series (in order of priority):

Please mail your response, by October 1, 1990, to: Duane A. Williams, M.A., P.T.
Vice President
Orthopaedic Section, APTA
505 King Street, Suite 103
La Crosse, WI 54601

PTOSI

(Continued from page 18)

orthopaedic and sports related cases.

We currently are working on two different clinical research projects, one involving outcomes for patients with herniated discs and the other testing for efficacy of stabilization exercises for post-operative spinal fusion patients.

Mark and Don continue to provide primary management for PTOSI, but three other therapists, George, Bill, and Liz have subsequently become partners in the practice.

Our physical therapy staff consists of:

Mark Bookhout, M.S., P.T.
Donald Darling, M.S., P.T.
Marla Bookhout, M.S., P.T.
George Mackey, P.T.
Bill Boissonnault, M.S., P.T.
Liz Schorn, P.T.
Jill Boissonnault, M.S., P.T.
Melissa Shirriff, P.T.
Kathleen Anderson, P.T.
Jim Holte, P.T.
Michaela Dalsin, P.T.
Richard Kover, P.T.
Nancy Droege, P.T.
Lois Knight, P.T.
Eric Polson, P.T., A.T.C.
Jeff Houck, P.T.
Deanne Holt, P.T.
Terry Smith, P.T.
Steve Janos, M.S., P.T.

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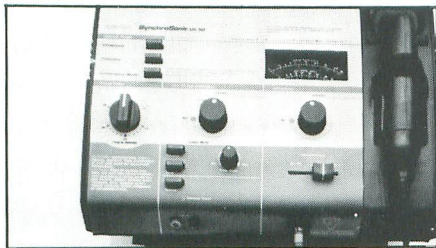
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2 YEARS PARTS AND LABOR

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The **U50 Ultrasound** (Continuous & Pulsed Output) is the most advance ultrasound available today. Table top or wall mount, alone or combined with the HVG750 High Voltage Galvanic, this ultrasound is a real performer. For our current **DISCOUNT PRICE QUOTE**, just pick up the phone and call.

The **UHV50 "3 in 1"** has High Voltage and Low Voltage Galvanic with Ultrasound. Each section can be used individually or combined.
CALL FOR QUOTE



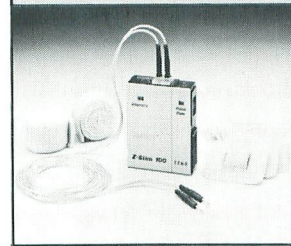
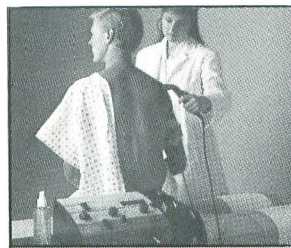
The **US50 "SYNCHOSONIC" COMBINATION ULTRASOUND & MUSCLE STIM.** provides ultrasound (continuous & pulsed), "2 Pad" Muscle Stim. (surge/tetanzize/pulse), or in combination for treatment of trigger points or for that little extra on a difficult patient. For a complete color brochure and our **CURRENT DISCOUNT PRICE QUOTE**, call today.

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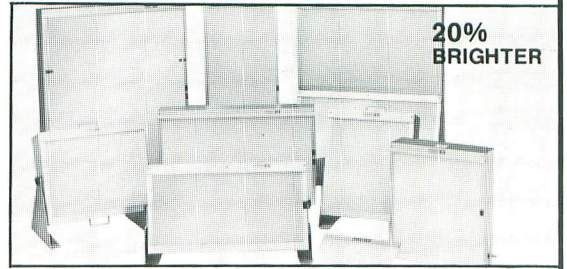
MS322 "2 PAD" MUSCLE STIMULATOR has variable surge, variable pulse (3-80 pps) & tetanizing modes with a 30 minute timer.
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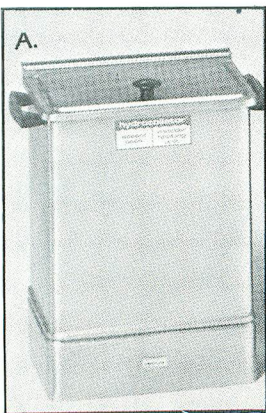
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